



SWHD100 SWHD150 Series

DC-DC CONVERTER



General Characteristics

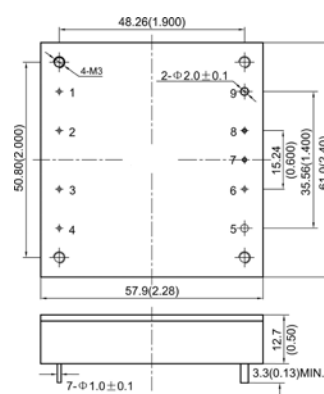
- Half Brick Industry Standard Footprint
- Ultra-wide 4:1 Input Range
- Baseplate Temperature -40~+100°C
- High Efficiency Up to 89%
- I/O-isolation 1500Vdc
- Output Short-circuit Protection, Self recovery
- Remote On/Off Control

Model Selection Guide

Product Model	Input Voltage Range (Typical)	Output Voltage (Vdc)	Output Current (A)	Efficiency (%)	
SWHD100-24S03	9~36 (24Vdc)	3.3	20	87	
SWHD100-24S05		5	20	87	
SWHD100-24S12		12	8.33	88	
SWHD100-24S15		15	6.67	88	
SWHD100-24S24		24	4.17	88	
SWHD150-24S03		3.3	30	88	
SWHD150-24S05		5	30	88	
SSWHD150-24S12		12	12.5	88	
SWHD150-24S15		15	10	88	
SWHD150-24S24		24	6.25	88	
SWHD100-48S03		18~75 (48Vdc)	3.3	20	88
SWHD100-48S05			5	20	89
SWHD100-48S12	12		8.33	88	
SWHD100-48S15	15		6.67	88	
SWHD100-48S24	24		4.17	88	
SWHD150-48S03	3.3		30	88	
SWHD150-48S05	5		30	88	
SWHD150-48S12	12		12.5	88	
SWHD150-48S15	15		10	88	
SWHD150-48S24	24		6.25	88	

SWHD100-150 series products are controlled by positive logic signal. If the negative logic control is preferred, the suffix "P" should be added to the part no. , such as SWHD100-24S12P

Outline Diagram And Pin Out



Pin Out	Single Output
1	-Vin
2	CASE
3	CNT
4	+Vin
5	+Vo
6	+S
7	TRIM
8	-S
9	-Vo